

FIG. 1

EXAMPLE ENCODER/DECODER TYPES

CELP
RELTP
M-LAW
A-law
PCM
ADPCM

FIG. 2A

Example Encoder/Decoder Types		
24	Kb/s	CELP
32	Kb/s	CELP
64	Kb/s	u-law
32	Kb/s	ADPCM

FIG. 2B

00000-00000000

The diagram illustrates a mobile communication system with two main components: a **REMOTE HANDSET** and a **BASE UNIT**.

REMOTE HANDSET (550):

- Includes a **MIC** (590) and a **SPKR** (592) connected to a **CODEC** (580).
- The **CODEC** (580) is connected to a **TRANSMITTER BASEBAND PROCESSOR** (500) and a **RECEIVER BASEBAND PROCESSOR** (600).
- The **TRANSMITTER BASEBAND PROCESSOR** (500) is connected to an **RF TRANSMITTER** (570).
- The **RECEIVER BASEBAND PROCESSOR** (600) is connected to an **RF RECEIVER** (572).
- The **RF TRANSMITTER** (570) and **RF RECEIVER** (572) are connected to external antennas.

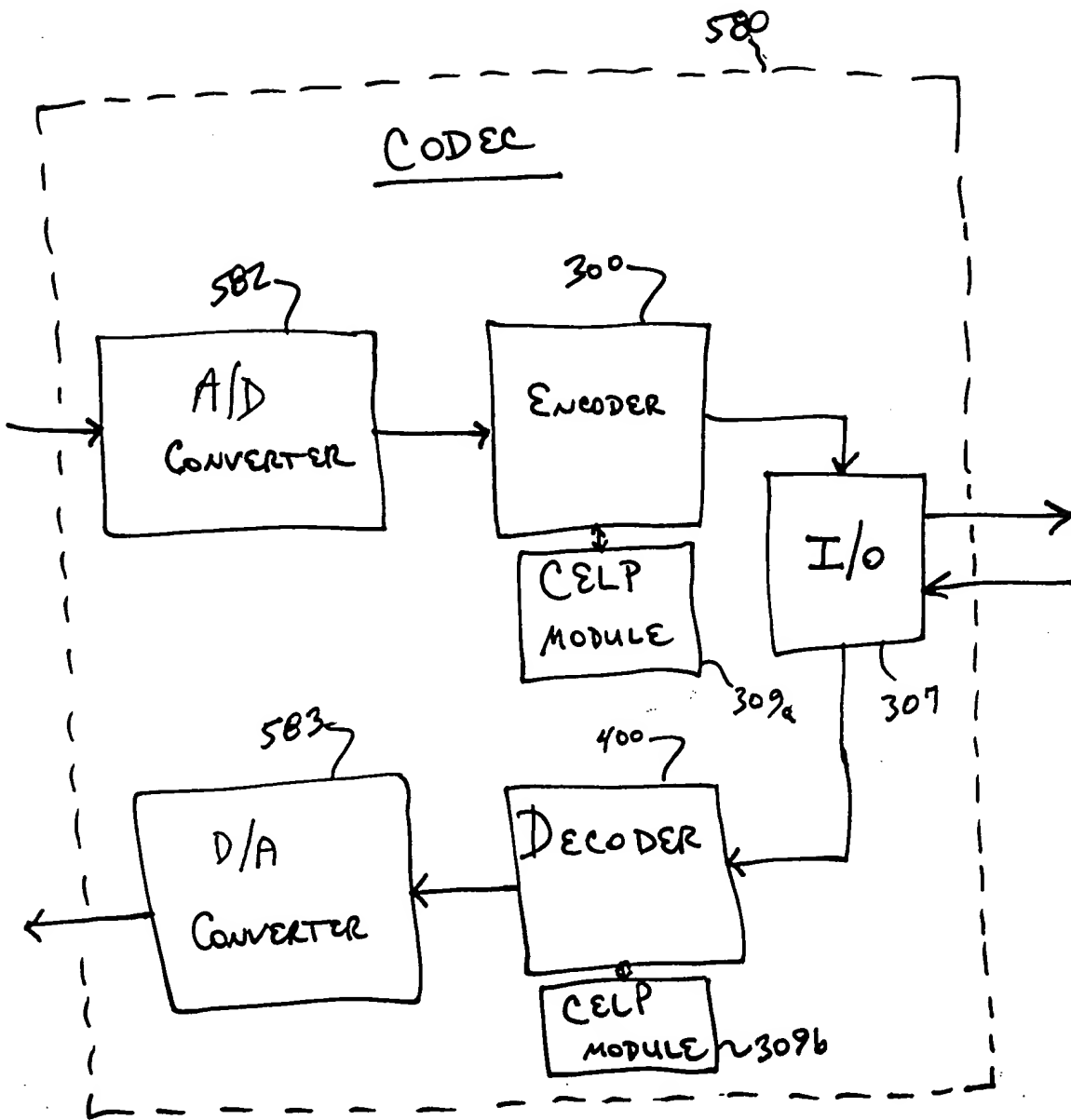
BASE UNIT (560):

- Includes a **TLI** (591) connected to a **CODEC** (580).
- The **CODEC** (580) is connected to a **TRANSMITTER BASEBAND PROCESSOR** (501) and a **RECEIVER BASEBAND PROCESSOR** (601).
- The **TRANSMITTER BASEBAND PROCESSOR** (501) is connected to an **RF TRANSMITTER** (571).
- The **RECEIVER BASEBAND PROCESSOR** (601) is connected to an **RF RECEIVER** (573).
- The **RF TRANSMITTER** (571) and **RF RECEIVER** (573) are connected to external antennas.

Arrows indicate the flow of signals between the components and the antennas.

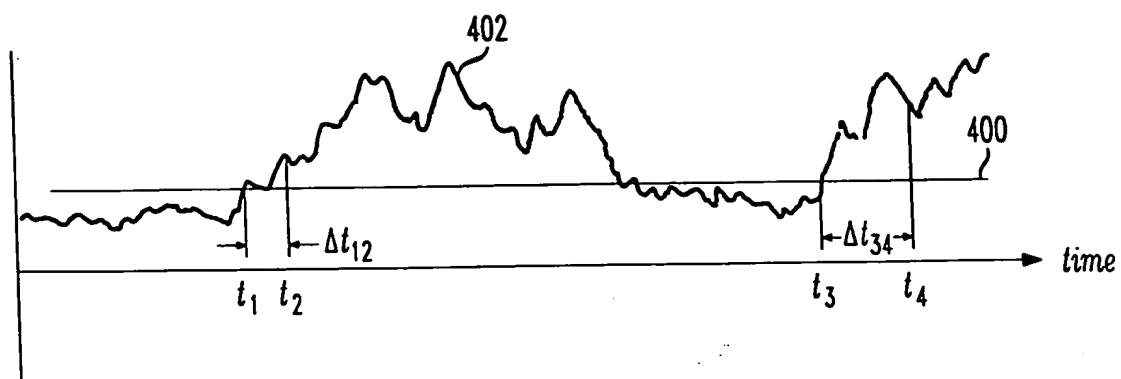
PRIOR ART

FIG. 3



PRIOR ART

FIG. 4



PRIOR ART

FIG. 5